

## CLAIM AMENDMENTS

1. (Canceled) Shaped object adapted for being connected with a rim at a point located inside the rim well, having a contact surface intended to rest on the rim well, wherein the contact surface intersects each of a set of mutually parallel first planes along a curved surface which is generally elliptical, said curved surface having a radius of curvature which has a curvature growth rate.
2. (Previously Presented) Shaped object adapted for being connected with a rim at a point located inside the rim well, having a contact surface intended to rest on the rim well, wherein the contact surface intersects each of a set of mutually parallel first planes along a curved surface which is generally elliptical, said curved surface having a radius of curvature which has a curvature growth rate, wherein the growth rate decreases to a limit value as the distance of the curve from a second plane rises, and then remains constant as the distance continues to rise.
3. (Currently amended) The shaped object as defined in Claim 1, wherein the curved surface comprises a succession of curved sections having a curvature growth rate which increases as the distance from a second plane rises, wherein the shaped object is attached to the rim well by a bonding agent between the contact surface and the rim well.
4. (Canceled) The shaped object as defined in Claim 3, wherein the radius of curvature along the curve remains constant within a curved section.
5. (Canceled) The shaped object as defined in Claim 3, wherein the differently curved sections follow each other directly, with the radius of curvature changing abruptly between two adjacent sections.
6. (Canceled) The shaped object as defined in Claim 1, wherein the sections are approximately equal in length.
7. (Canceled) The shaped object as defined in Claim 3, wherein the section which is the nearest to the second plane is longer than the remaining sections which are

approximately equal in length or become shorter as their distance from the second plane increases.

8. (Canceled) The shaped object as defined in Claim 1, wherein the curve comprises at least one concave section having a radius of curvature that increases continuously as the distance from the second plane rises.
9. (Canceled) The shaped object as defined in Claim 8, wherein at least on one side of the second plane the curve over its full length has a radius of curvature that increases as the distance from the second plane rises.
10. (Canceled) The shaped object as defined in Claim 1, wherein the curve shows the claimed shape on both sides of the second plane.
11. (Canceled) The shaped object as defined in Claim 10, wherein the curve extends mirror-symmetrically relative to the second plane.
12. (Canceled) The shaped object as defined in Claim 10, wherein two sections of each of the curve, lying on different sides of the second plane, have a conforming curvature and the same center of curvature.
13. (Canceled) The shaped object as defined in Claim 1, wherein the contact surface extends in convex shape along the lines of intersection with third planes that intersect the curve perpendicularly.
14. (Canceled) The shaped object as defined in Claim 13, wherein the lines of intersection each have a radius of curvature that increases from their one end to their other end.
15. (Canceled) The shaped object as defined in Claim 14, wherein the radius of curvature of the lines of intersection increases continuously.
16. (Currently Amended) The shaped object as defined in Claim ~~1~~2, wherein it is a housing.

17. (Currently Amended) The shaped object as defined in Claim  $\pm 2$ , wherein it is a carrier or a holder for a housing.
18. (Previously Presented) The shaped object as defined in Claim 16, wherein the housing contains a device for measuring the pressure and/or the temperature in a pneumatic tire which is mounted on the rim.
19. (Currently Amended) A rim with a shaped object as defined in Claim  $\pm 2$ , which has its contact surface connected with the rim at a point inside the rim well by a substance connection.
20. (Previously Presented) A rim as defined in Claim 19, wherein the shaped object is bonded to the rim well.
21. (Currently Amended) A Shaped Object adapted for being connected with a rim at a point located inside the rim well, as according to Claim  $\pm 2$ , wherein the Shaped Object is attached to the rim well by a bonding agent between the contact surface and the rim well.
22. (Currently Amended) A Shaped Object as defined in Claim 21, wherein said bonding agent is a durable bonding agent.
23. (Canceled) Shaped object adapted for being connected with a rim at a point located inside the rim well, having a contact surface intended to rest on the rim well, wherein the contact surface intersects each of a set of mutually parallel first planes along a curved surface which is generally elliptical, wherein the curved surface comprises a succession of curved sections the radius of curvature of which increases as the distance from a second plane rises, wherein the shaped object is attached to the rim well by a bonding agent between the contact surface and the rim well.